

Busseron Creek 2010

STATE: Indiana

FACILITY NAME	NPDES NUMBER	CRITERIA						Parameter Limits Monthly Average/ Daily Maximum
		Critical Industrial Sector (Power Plants, Coal, WWTP)	Final Permit Effective/ Expiration date	Receiving water/ Flow	Special Permit Conditions	Nature of Discharge	Monitor Frequency	
Sunrise Coal, LLC Carlisle Mine (underground Sullivan County (this permit is specific to Outfall 001, wastewater is contaminated groundwater being removed from underground mine, mixed with uncontaminated gw to meet WQS to discharge to sw)	IN0062791 (Individual Permit) No flow to date 12/2009	Coal Mine	June 1, 2007 May 31, 2012	Busseron Creek 0.432 MGD	copper iron manganese nickel zinc aluminum (report as Total Recoverable Metals) Permit Condition 4	Contaminated Ground-water	Monthly Weekly Flow & ph only	TSS- 35mg/L Monthly avg 70.0mg/L Daily Max <hr/> Iron – 3.0mg/L, 6.0mg/L <hr/> Chloride – 739mg/L, 1720mg/L (note that chloride standard is being met by dilution flow augmentation with gw) <hr/> Manganese – 2.0mg/L, 4.0mg/L <hr/> pH - 6.0 min, 9.0 max
Sunrise Coal, LLC Carlisle Mine (underground mine) (GP covers Outfalls 002 & 003 for surface runoff)	ING006271	Coal Mine				Surface Runoff		Based on type of Outfall & listed in 327 IAC 15-7-7 (a) General Permit Rule
Jericho, LLC- Sullivan County CBM Field Sullivan County	IN0062758	Coal Bed Methane Extraction Well Field	December 1, 2007 November 30, 2012	Kettle Creek, Busseron Creek, Buttermilk Creek 102m 103, Mud Creek 003	Report Iron & Manganese as Total Recoverable Metals August 13, 2008- Permit Mod added new Outfall 003	Ground-water & storm-water Stormwater Outfall 001S	weekly	TSS – 20mg/L, 40mg/L <hr/> Iron – 2.37mg/L, 4.10mg/L <hr/> Manganese & BOD & TDS – Report ONLY <hr/> Chlorides – 218mg/L, 378mg/L <hr/> Sulfates – 948mg/L, 1640mg/L <hr/> Oil & Grease – 10mg/L, 15mg/L <hr/> TKN, Total P, Nitrate + Nitrite, pH – all Report ONLY

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Peabody Midwest Mining, LLC Farmersburg Mine Farmersburg, IN Sullivan County IDNR permit #S-287	ING040062	Coal Mine SIC code- 1211	GP by rule expires November 30, 2014	Splunge Creek, Turman Creek, Busseron Creek		Non- process wastewater from coal mining, coal processing & reclamatio n site		Alkaline (21), reclamation (2) per February 15, 2010 list Outfalls removed from permit: (30) and undetermined (1) also removed New NOI June 16, 2010 Per DNR mine will close Oct 2010
Black Beauty Coal Mine Farmersburg Mine – Bear Run East Pit, Sullivan North Mine Sullivan, IN Sullivan County	ING040127	Coal Mine SIC code- 1211	GP expires 12-31-06	Buttermilk Creek, Mud Creek, Big Branch, Middle Fork Creek, Busseron Creek				Alkaline, Reclamation or dropped outfalls – per 7/28/2006 list
Peabody Midwest Mining, Bear Run Mine Sullivan, IN Sullivan County IDNR permit #S-256	ING040239	Coal Mine	GP expires May 31, 2014	Black Creek, Buttermilk Creek, Spencer Crk, Middle Fork Creek, Busseron Creek		Non- process wastewater from coal mining, coal processing & reclamatio n site		Outfall types/number of Alkaline (7), dropped (1), undetermined (11), per April 1, 2010 list
Jarvis Coal, LLC – JC #1 Mine Hymera, IN Sullivan County	ING040198	Coal Mine	GP expires February 28, 2013	Sulphur Creek, Busseron Creek		Non- process wastewater from coal mining, coal processing & reclamatio n site		

WWTPs

FACILITY NAME	NPDES NUMBER	CRITERIA						Parameters
		G LI	Critical Industrial Sector (Power Plants, Iron & Steel, Pulp & Paper)	Final Permit Effective date	Expiration date	Discharge capacity	Receiving water	Flow, CBOD, TSS, Ammonia-nitrogen, DO, pH, E. coli TRC –if chlorine disinfection
Town of Shelburn WWTP Sullivan County	IN0020389		WWTP Major municipal	October 1, 2009	September 30, 2014	MGD	Kettle Creek, Shelburn Lake	AO with Compliance plan for DO, P, CBOD (8-19-2009)
Town of Farmersburg WWTP Sullivan County	IN0021148		WWTP Major Municipal	June 1, 2009	May 31, 2014	0.15 MGD planned upgrade to 0.30 MGD	West Fork Busseron Creek 303(d) TDS, Sulfates	WLA pg 37 & 97 of permit for: TSS = 12.5 mg/L Monthly average, 18.8 weekly average
City of Sullivan WWTP Sullivan County	IN0024554		WWTP Major Municipal	January 1, 2006	December 31, 2010	1.12 MGD	Buck Creek, Busseron Creek	Compliance plan for WQS & Sewer ban since 1998 All Standard TDS- 70 Monthly, 105 Weekly
Town of Dugger WWTP Sullivan County	IN0039322		WWTP Major Municipal	July 1, 2010	June 30, 2015	0.125 MGD	Buttermilk Creek	TSS = 13 monthly, 19 weekly (summer), and 16 monthly, 25 weekly (winter)
Town of Carlisle WWTP Sullivan County	IN0039837		WWTP Major Municipal	September 1, 2008	August 31, 2013	0.8 MGD	Busseron Creek	All Standard TSS 24 monthly, 36 weekly (summer) and 30 monthly, 45 weekly (winter) 2 violations- Maintenance of lift stations
Town of Hymera WWTP Sullivan County	IN0040134		WWTP Major Municipal	February 1, 2009	January 31, 2014	0.25 MGD	Sulphur Creek	WLA for TSS & Ammonia-nitrogen TSS 10 monthly, 15 weekly TMDL recommends Phosphorus monitoring, pg 32

Town of Carlisle Water Dept Sullivan County	IN0046809		Drinking Water Plant					
Indiana Dept of Natural Resources Shakamak State Park WWTP Greene/Sullivan County	IN0030228		WWTP Minor state-owned	June 1, 2007	May 31, 2012	0.125 MGD	Big Branch Creek	All Standard, No industrial influent

Industrial Facilities

FACILITY NAME	NPDES NUMBER	CRITERIA						Parameter Limits Monthly Average/ Daily Maximum
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Glendora Test Facility Naval Warfare Center Sullivan County	IN0059633	Industrial Naval warfare test & research center	February 1, 2008 January 31, 2013	Busseron Creek 2.5 MGD		Groundwater & Stormwater – nonprocess wastewater	2 times/ year	Report ONLY Flow, perchlorate, Nitrate (narrative standards only)
Latta Indiana Diesel House Indiana Rail Road Co. Greene County	IN0002119	Industrial Services diesel locomotives	January 1, 2004 December 31, 2008	Queen Lake #3, Busseron Creek 0.012 MGD		Stormwater – nonprocess wastewater	2 times/ year	Flow Report only Oil & Grease = 15mg/L TSS = 30mg/L pH = 6-9 su
Sullivan County	IN00							